

Follow-up Protocol for Infants Born to Hepatitis B Surface Antigen (HBsAg) - Positive Women

Review the Michigan Care Improvement Registry (MCIR) to verify if the infant received hepatitis B (hepB) vaccine and hepatitis B immune globulin (HBIG) at birth.

At 1-2 months of age:

- **GIVE** the infant single antigen hepB vaccine or a combination hepB vaccine (Pediarix™ or Vaxelis™) at 2-month visit, intramuscularly in the anterolateral thigh (at least 4 weeks after the first dose).
 - If the infant weighed less than 2000g at birth, and received hepB vaccine before 1 month of age, do not count the birth dose of hepB vaccine as part of series, repeat the dose at 1-2 months of age and give two more doses.

At the 4-month visit:

- **GIVE** a dose of combination hepB vaccine (if using Pediarix™ or Vaxelis™).

At 6 months of age:

- **GIVE** the infant single antigen hepB vaccine or combination hepB vaccine
 - At least 8 weeks after second dose, at least 16 weeks after first, and no earlier than 24 weeks of age.
- **INFORM** parents that the infant will need a blood test at **9-12 months of age**
 - One to two months after the final dose if the vaccine series is delayed, to make sure the baby is protected from getting the hepatitis B virus (HBV).

At 9 to twelve months of age (1-2 months after the final dose if the vaccine series is delayed):

- **DRAW** or refer infant for **HBsAg** and hepatitis B surface antibody (**anti-HBs**) testing. To obtain test kits, contact the Perinatal Hepatitis B Prevention Program (PHBPP) case manager.

Additional testing and/or hepB vaccine may be needed:

If HBsAg and anti-HBs are both negative,

- **GIVE** an additional dose of single antigen hepB vaccine and **REPEAT** blood test 1-2 months.

If repeat HBsAg and anti-HBs are negative,

- **GIVE** two additional doses (1 and 6 months later) and repeat blood test 1-2 months after completion of second hepB vaccine series.

If anti-HBs is positive after the additional dose of hepB vaccine, nothing further, infant is protected from the hepatitis B virus.*

If the infant was safely surrendered, and mom's HBsAg status is unknown, provide the same prophylaxis as babies born to HBsAg-positive women.

***REPORT** vaccination dates and date and results of blood tests to the PHBPP by using the [Hepatitis B Perinatal Case Report-Infant/Contact](#) form. Also, please update patient's MCIR record.

If you have questions, please call the PHBPP at 517-388-4815, 517-897-3236 or 517-242-8319.